

TM-7110-19

19" Fanless Medical PC



Key Highlights

- Intel 12th Gen Core i™ CPU
- 19" PCAP Touch Screen in Unique 5:4 Ratio
- 1 x PCI-E x8 Expansion Slot (PCIe x 4 signal) for Video Capture Card or I/O Expansion
- Clean White Antibacterial Surface
- IP65 Waterproof Rated Front Bezel
- Dual Storage with M.2 and 2.5" SSD

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The 19" Fanless Medical PC is an exceptional healthcare technology solution designed for the most critical medical applications. With full medical compliance, it holds up to stringent security standards. User-friendly function keys enhance usability, granting quick access to essential functions. A PCIe expansion slot further adds to customization for more I/O OR Video Capture possibilities. Its robust antimicrobial housing ensures durability, while the IP65 waterproof bezel protects against moisture and contaminants. Powered by an Intel® 12th Generation CPU, it offers powerful, dependable performance. This PC is tailored to meet the rigorous demands of healthcare, combining cutting-edge technology with a rugged design for efficient use in clinical environments.

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Technical Specifications

Primary Components	
Processor Family	Intel Core I series 12th Generation Alder Lake
Processor Model	Core i5 12600HE
Memory Type	2x DDR5 SO-DIMM
Memory Support	8GB, 16GB, 32GB, 64GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD (Internal, not with removable drive in use), 1x M.2 2280 NVME SSD slot
Storage Support	M.2 and 2.5": 128GB - 1TB
External I/O Ports	
USB	4x USB 3.2
Serial / Com	2x COM
Serial Protocol Detail	1x RS-232, 1x RS-232/422/485
Ethernet / LAN	1x RJ45 2.5 GbE LAN, 1x RJ45 GbE LAN
Video Outputs	1x DisplayPort, supports DP++, 1x HDMI 2.0b
Audio Ports	1x 3.5mm Audio Line-Out, 1x 3.5mm Microphone Jack
Power Input Port	C13, 3-Prong AC Plug
Thermal & Environmental	
Operating Temperature	0°C - 35°C (32°F - 95°F)
Storage Temperature	-20°C - 60°C (-4°F - 140°F)
Cooling Solution	Passive - Fanless
Humidity Range	10% - 90% Non-condensing
Peripherals & Wireless Connectivity	
WiFi	802.11 a/b/g/n/ac/ax
Bluetooth	Bluetooth 5.0
RFID	Optional
Peripheral Other	POAG-Grounding Pin built-in
Certification	
Certifications	60601-1 3.2 Edition, CE, FCC

Specifications subject to change.

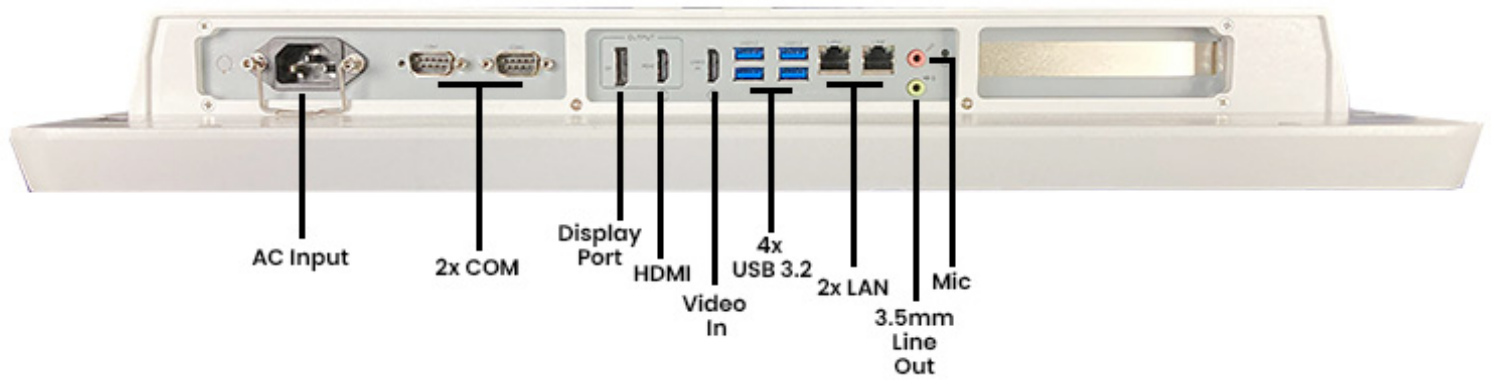
Display	
Screen Size	21.5"
Resolution	1920 x 1080 (Full HD)
Screen Ratio	16:9
Brightness	250 nits
Touch Screen	
Touch Screen	Projected Capacitive (Multi-touch)
Hardness	6H
Power	
Standard Power Adapter	Built-In AC 100-240V/47-60Hz to DC 24V, 250W
Operating Systems	
Windows	Windows 10 IoT, Windows 10 Pro, Windows 11 IoT, Windows 11 Pro
Compatibility	
Security Hardware	TPM 2.0, Intel vPro
Multimedia	
Camera	Optional 5MP Webcam
Enclosure	
Material	Aluminum, Anti-Microbial
IP Rating	IP65 Front Bezel, IP54 with cable cover
Color	White
Control Buttons	Backlight on/off, Brightness Down, Brightness Up, Clean me, Mute, Power Button, Volume UP+ / Volume Down -, Webcam (disable)
Programmable Function Buttons	1x Programmable Function Key
Mounting Options	VESA 100 Mount
Weight / Dimensions	
Weight	10 kg (22.0 lbs)
Dimensions	541.9 x 59 x 347.1 mm (21.3 x 2.3 x 13.7 in)
Warranty	
Warranty	Up to 5 Years

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I/O Diagram Images



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